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<b>(51) International Patent Classification<sup>5</sup> :</b>  <b>C12N 15/00, 15/12</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 93/18143</b>  <b>(43) International Publication Date:</b> 16 September 1993 (16.09.93)
<b>(21) International Application Number:</b> PCT/US93/01959 <b>(22) International Filing Date:</b> 4 March 1993 (04.03.93)  <b>(30) Priority data:</b> 07/847,742 4 March 1992 (04.03.92) US 07/959,936 13 October 1992 (13.10.92) US  <b>(60) Parent Application or Grant</b> <b>(63) Related by Continuation</b> US Not furnished (CIP)  <b>(71) Applicant (for all designated States except US):</b> SYNAPTIC PHARMACEUTICAL CORPORATION [US/US]; 215 College Road, Paramus, NJ 07652 (US).		<b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only) :</b> SMITH, Kelli, E. [US/US]; 401 Riverside Drive, Wayne, NJ 07470 (US). BORDEN, Laurence, A. [US/US]; 345 Prospect Avenue, Hackensack, NJ 07601 (US). HARTIG, Paul, R. [US/US]; 19 Pheasant Run, Kinnelon, NJ 07405 (US). WEINSHANK, Richard, L. [US/US]; 302 West 87th Street, New York, NY 10024 (US).  <b>(74) Agent:</b> WHITE, John, P.; Cooper & Dunham, 30 Rockefeller Plaza, New York, NY 10112 (US).  <b>(81) Designated States:</b> AU, CA, JP, US, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> DNA ENCODING TAURINE AND GABA TRANSPORTERS AND USES THEREOF  <b>(57) Abstract</b>  This invention provides isolated nucleic acid molecules, proteins, monoclonal antibodies, pharmaceutical compositions, transgenic animals, methods of treatment, methods of screening, and methods of diagnosis for both the GABA transporter and taurine transporter.		